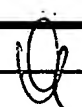
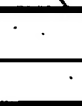
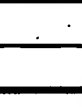
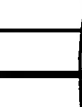
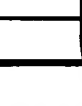
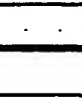
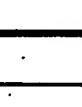
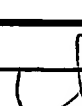
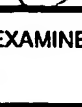


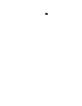




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				Applicant Nalk et al.			
				Filing Date 3/18/04		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		Avnir, D., et al., "Enzymes and Other Proteins Entrapped in Sol-Gel Materials," Chem. Mater. 6, pp. 1605-1614 (1994).
		Bruins, M. E., et al., "Thermostzymes and Their Applications," Applied Biochemistry and Biotechnology 90, pp. 155-186 (2001).
		Drott, J., et al., "Porous Silicon as the Carrier Matrix in Microstructured Enzyme Reactors Yielding High Enzyme Activities," J. Micromech. Microeng. 7, pp. 14-23 (1997).
		Gill, I., et al., "Bioencapsulation Within Synthetic Polymers (Part 1): Sol-Gel Encapsulated Biologicals," TIBTECH 18, pp. 282-296 (July 2000).
		Gill, I., et al., "Bioencapsulation Within Synthetic Polymers (Part 2): Non-Sol-Gel Protein-Polymer Biocomposites," TIBTECH 18, pp. 469-479 (Nov. 2000).
		Gill, I., et al., "Encapsulation of Biologicals within Silicate, Siloxane, and Hybrid Sol-Gel Polymers: An Efficient and Generic Approach," J. Am. Chem. Soc. 120, pp. 8587-8598 (1998).
		Kim, Young Duk, et al., "Siloxane-Based Biocatalytic Films and Paints for Use as Reactive Coatings," Biotechnology and Bioengineering, Vol. 72, No. 4, pp. 475-482 (Feb. 20, 2001).
		Kovacs, K., et al., "Preparation and Properties of a Novel Immobilized Cholinesterase," Journal of Applied Biochemistry 4, pp. 11-18 (1982).
		Kramer, D.N., et al., "Colorimetric Determination of Acetylcholinesterase Activity," Analytical Chemistry, Vol. 30, No. 2, pp. 251-254 (Feb. 1958).

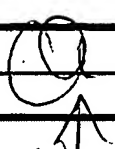
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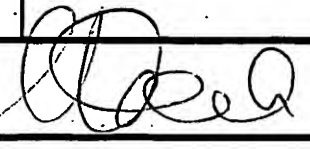
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				Applicant Naik et al.			
				Filing Date 3/18/04		Group Art Unit Unknown	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		Kröger, N., et al., "Polycationic Peptides from Diatom Biosilica That Direct Silica Nanosphere Formation," Science, Vol. 286, pp. 1129-1132 (Nov. 5, 1999).
		Kröger, N., et al., "Self-Assembly of Highly Phosphorylated Silaffins and Their Function in Biosilica Morphogenesis," Science, Vol. 298, pp. 584-586 (Oct. 18, 2002).
		Lei, C., et al., "Entrapping Enzyme in a Functionalized Nanoporous Support," J. Am. Chem. Soc. 124, pp. 11242-11243 (2002).
		Naik, R.R., et al., "Controlled Formation of Biosilica Structures in Vitro," The Royal Society of Chemistry/Chem. Commun., pp. 238-239 (2003).
		Naik, R.R., et al., "Silica-Precipitating Peptides Isolated from a Combinatorial Phage Display Peptide Library," J. Nanosci. Nanotech., Vol. 2, No. 1, pp. 95-100 (2002).
		Novick, S.J., et al., "Protein-Containing Hydrophobic Coatings and Films," Biomaterials 23, pp. 441-448 (2002).
		Shtelzer, S., et al., "Properties of Trypsin and of Acid Phosphatase Immobilized in Sol-Gel Glass Matrices," Biotechnology and Applied Biochemistry 15, pp. 227-235 (1992).

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